

IN THE SPECIFICATION

Change(s) applied to document, /C.L.F./ 5/11/2011

8 In the specification on page ⁷8 in the last sentence of the paragraph bridging page ⁷8 and ~~8~~ please make the following change:

Timer_2 70 is responsible for moving jobs pending in Queue to be processed. Once it goes off, the system is checked for any patient in queue 72, if none are present, Timer_2 70 is disabled in step 74. If there are pending jobs in Pending Patient Queue, the system is checked for patient in process 73 (being recorded or printed). If there is one, Timer_2 70 is disabled and it returns. If there are no patients in process 73, the next job in Pending Patient Queue, is processed. The patient directory hierarchy in Backup Directory 71 is moved to the Build Image Directory 75 (D:\Build Image) to get ready to burn on CDR(s). The Build Image Directory 75 also contains a Viewer Directory ("Viewer") where the viewing software resides. There is also a FilmX Directory ("FilmX") in the Build Image Directory 75 which contains the Patient information file ("Patient.txt") and the Xlabel Directory ("Xlabel") where the CD printing label definitions and graphics files reside. Since DICOM Exchange standards only allow for eight character file names, the Patient, and Study directories as well as image file names are converted to eight character format in processing step 76. The Patient Directory name is changed to "PT000000" for the first patient. In case of back up CD, Patient Directories are then sequentially named "PT000001" and so on. The Study Directory(ies) are named starting with "ST000000" and increase sequentially if there is more than one study for the patient. The image files are then named starting with "IM000000" and so on. On the Build Image Directory 75 there is also an "autorun" file which is recognized by the Windows operating system and executed when a disc is inserted in a computer. The "autorun" file contains instructions to start the viewer in an "autoload" fashion causing it to immediately load and display the first Patient's first Study. Finally, according to DICOM Exchange standard, a "DICOMDIR" file ~~in~~ is generated in step 76 in the Build Image Directory 75.